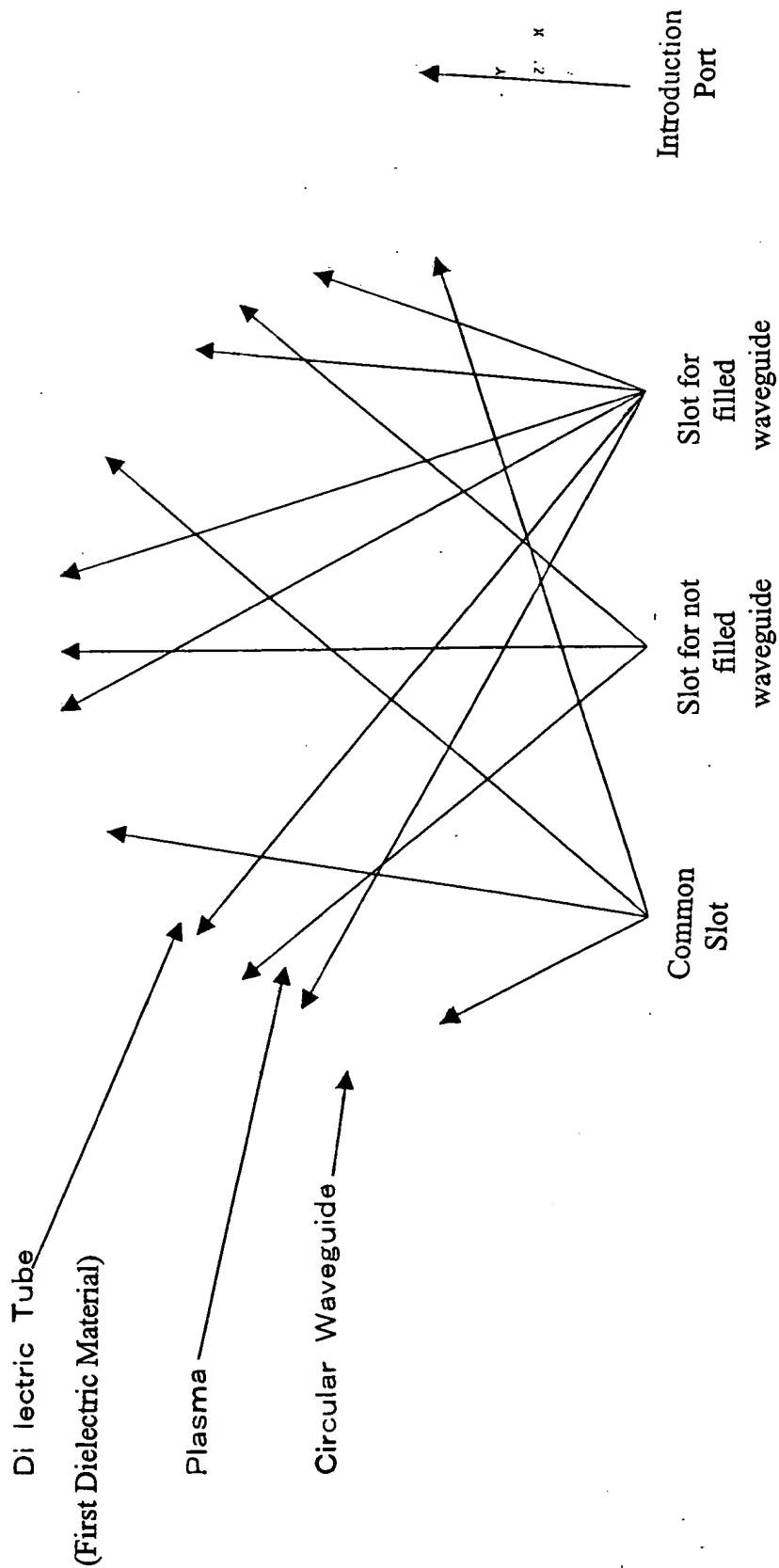




Structure of CMA for Simulation for Comparing Absence/Presence of Second Dielectric Material

Figure A:

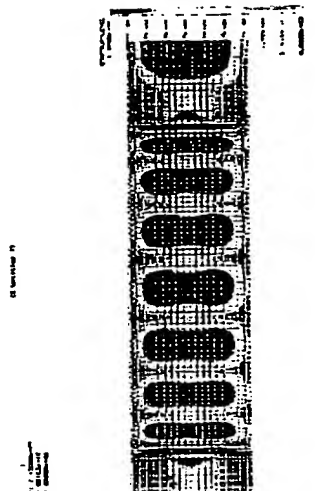
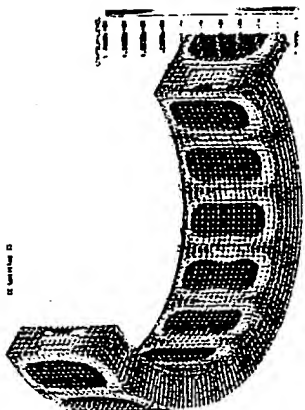
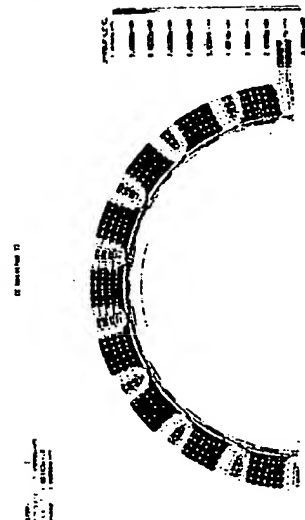
TOTAL NODE : 13504
TOTAL ELEMENT : 16380



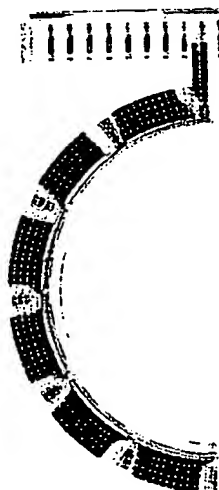


Microwave Electric Field Distribution (Under Absence/Presence of Second Dielectric Material)

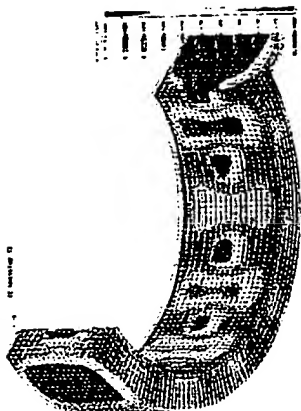
Filled with Dielectric



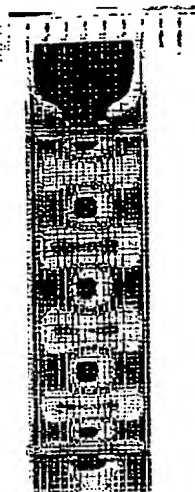
Top View



Oblique View



Inner Side View



Not Filled



Filled with Dielectric

Top View

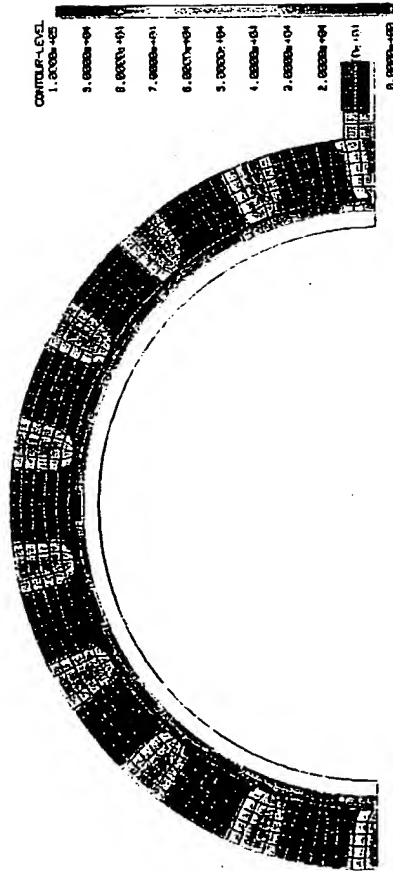
Not Filled

CC Unfilled 22

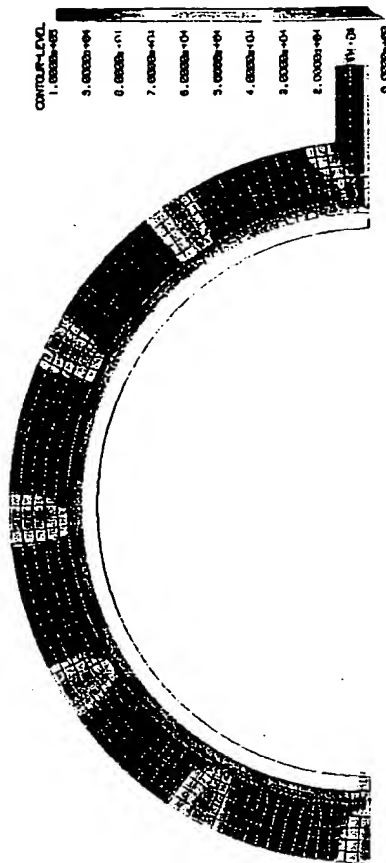
STEP 1
PRECISION: 2.43000E-03
PCB: 0.00100 4.00100E-18
PAPER: 3.00000E-01

STEP 1
PRECISION: 2.43000E-03
PCB: 0.00100 4.00100E-18
PAPER: 3.00000E-01

CC Unfilled 22



Electric Field: 1000 V/m
Max: 1.3300E-02
Min: 1.1100E-02

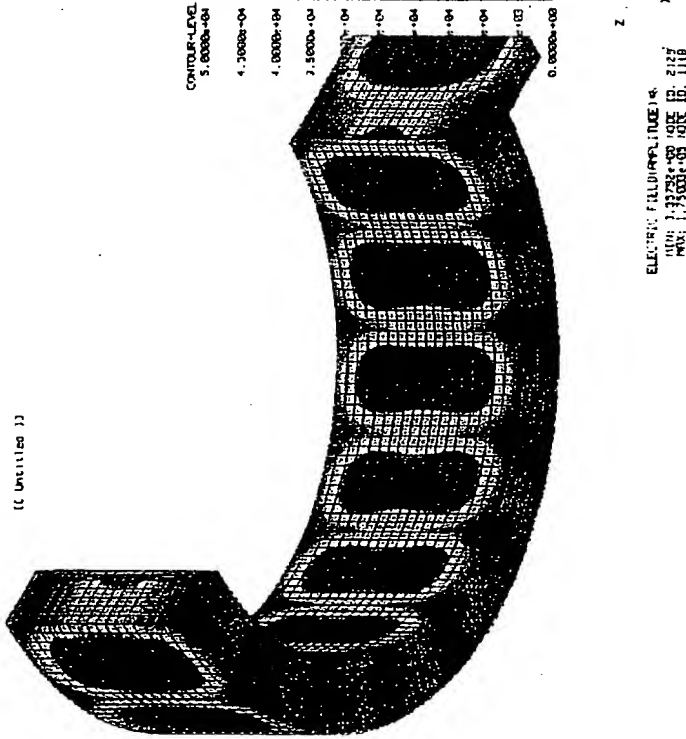
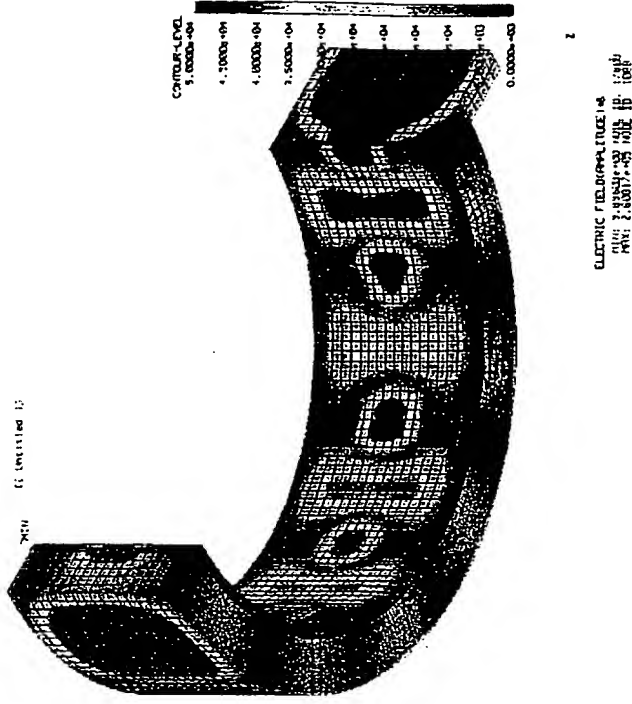


Electric Field: 1000 V/m
Max: 1.3300E-02
Min: 1.1100E-02



Oblique View

Not Filled





Inner Side View

Filled with Dielectric

Not Filled

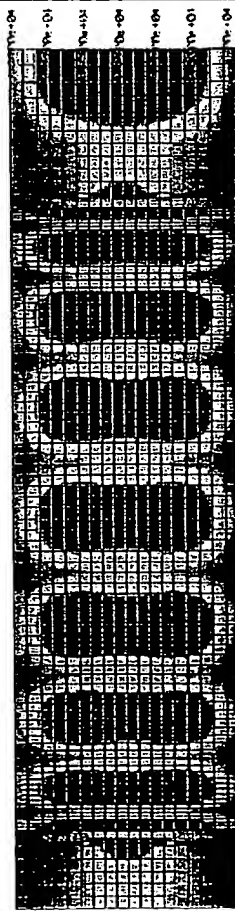
((Unfilled))

((Unfilled))

STEP: 1
FREQUENCY: 2.45000e+09
EPOCH: 4.0012e-10
PAPR: 3.00000e+01

1
n 2.45000e+09
1.00000e+01
1.00000e+01

CONTOUR-LEVEL
5.0000e+01

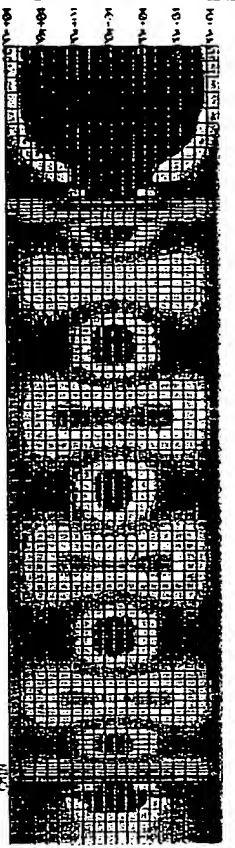


1.0000e+01
5.0000e+01
5.0000e+01

ELECTRIC FIELD-INTENSITY
MAX: 1.373e+03 V/M H: 218
MIN: 1.363e+03 V/M H: 116

Z Y X

CONTOUR-LEVEL
5.0000e+01



1.0000e+01
5.0000e+01
5.0000e+01

ELECTRIC FIELD-INTENSITY
MAX: 2.016e+03 V/M H: 100
MIN: 1.991e+03 V/M H: 100

Z Y X